

Volume contents

Volume 154 (1994)

Mechanistic steps in the photoreduction of mercury in natural waters J.O. Nriagu (USA)	1
Changes in the forms of ¹³⁷ Cs and its availability for plants as dependent on properties of fallout after the Chernobyl nuclear power plant accident N.I. Sanzharova, S.V. Fesenko, R.M. Alexakhin, V.S. Anisimov, V.K. Kuznetsov, L.G. Chernyayeva (Russia)	9
Ultrafiltration of humic compounds through low molecular mass cut-off level membranes I.L. K��chler, N. Miekeley (Brazil)	23
Age-accumulation of fluoride in an experimental population of short-tailed field voles (<i>Microtus agrestis</i> L.) I. Boulton, J. Cooke, M. Johnson (UK, S. Africa)	29
Input of ionic alkyllead compounds to surface waters N. Mikac, M. Branica (Croatia)	39
Chemical variations in near surface drainage water for an acidic spruce forested UK upland area subjected to timber harvesting: inferences on cation exchange processes in the soil C. Neal, M. Neal, G.P. Ryland, H.A. Jeffery, M. Harrow, S. Hill, C.J. Smith (UK)	47
'On spot' collection of reactive mercury onto gold wire from aquatic environment ��. Kwokal, K. May, M. Branica (Croatia, Germany)	63
Chromium leaching behavior in soil derived from chromite ore processing waste C.H. Weng, C.P. Huang, H.E. Allen, A.H.-D. Cheng, P.F. Sanders (USA)	71
Heavy-metal horizontal distribution in surface sediments from a small estuary (Pontedeume, Spain) R. Barreiro, C. Real, A. Carballeira (Spain)	87
Announcements	101
Instructions to Authors	105
 Special issue: Marine Pollution – Mammals and Toxic Contaminants. A Collection of Papers presented at the International Symposium on Marine Pollution – Mammals and Toxic Contaminants, Kamogawa, Japan, 6–8 February 1993	
Foreword	viii
Chlorinated hydrocarbon contaminants in arctic marine mammals R.J. Norstrom, D.C.G. Muir (Canada)	107
A review of heavy metal and organochlorine levels in marine mammals in Australia C. Kemper, P. Gibbs, D. Obendorf, S. Marvanek, C. Lenghaus (Australia)	129
Environmental contamination and marine mammals in coastal waters from Argentina: an overview J.E. Marcovecchio, M.S. Gerpe, R.O. Bastida, D.H. Rodr��guez, S.G. Mor��n (Argentina)	141
Persistent organochlorine residues in small cetaceans from the east and west coasts of southern Africa A.C. de Kock, P.B. Best, V. Cockcroft, C. Bosma (South Africa)	153
Global contamination by persistent organochlorines and their ecotoxicological impact on marine mammals S. Tanabe, H. Iwata, R. Tatsukawa (Japan)	163

Organochlorine and metal contaminants in baleen whales: a review and evaluation of conservation implications T.J. O'Shea, R.L. Brownell Jr. (USA)	179
Pathology and toxicology of beluga whales from the St. Lawrence Estuary, Quebec, Canada. Past, present and future D. Martineau, S. De Guise, M. Fournier, L. Shugart, C. Girard, A. Lagacé, P. Béland (Canada, USA)	201
Diseases and environmental contaminants in seals from the Baltic and the Swedish west coast M. Olsson, B. Karlsson, E. Ahnland (Sweden)	217
Toxicokinetics of chlorobiphenyls and associated physiological responses in marine mammals, with particular reference to their potential for ecotoxicological risk assessment P.J.H. Reijnders (The Netherlands)	229
Abnormally high polychlorinated biphenyl levels in striped dolphins (<i>Stenella coeruleoalba</i>) affected by the 1990–1992 Mediterranean epizootic A. Aguilar, A. Borrell (Spain)	237
Contaminant monitoring studies using marine mammals and the need for establishment of an International Environmental Specimen Bank N. Miyazaki (Japan)	249
Author Index	257
Subject Index	259
Volume contents	263

